**Chemical Weathering Organizer** Name:­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |
| --- | --- | --- | --- |
| Data Table: | | | |
| Starting Water Temperature (°C) | Ending Water Temperature(°C) | Average Water Temperature (°C)  (Starting +Ending /2) | Dissolving Time  (s) |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Questions to Guide conclusion:

1. In which average temperature did the tablet dissolve the quickest?
2. In which average temperature did the tablet dissolve the slowest?
3. What do the temperatures at which the tablet dissolved the quickest and slowest tell us about the effect of temperature on chemical weathering?
4. Based on you answer to (c), in what environments would chemical weathering have the most effect?
5. List any possible errors that could affect your data.